

**AMENDMENTS IN THE CLAIMS****1. (canceled)**

**2. (previously presented)** The transmission apparatus as claimed in claim 9, further comprising means for setting a resource management information path used for resource management for a cell assembly and disassembly unit.

**3. (previously presented)** The transmission apparatus as claimed in claim 9, further comprising means for setting a resource management information path used for resource management for the first cell assembly and disassembly unit which is accommodated outside of the transmission apparatus as an external unit.

**4. (previously presented)** The transmission apparatus as claimed in claim 9, further comprising means for setting a resource management information path used for resource management for a the second cell assembly and disassembly unit which is directly accommodated in the transmission apparatus.

**5. (previously presented)** The transmission apparatus as claimed in claim 9, further comprising a controller which provides, through the resource management information path, information having a format understandable by the customer network management agent process.

**6. (previously presented)** The transmission apparatus as claimed in claim 9, further comprising a controller which sends information extracted from the resource management information path to the customer network management agent process via an external interface.

**7. (previously presented)** The transmission apparatus as claimed in claim 9, further comprising means for performing a resource management of a facility node in an STM transmission and a resource management of a cell assembly and disassembly unit in an ATM transmission.

**8. (canceled)**

**9. (currently amended)** A transmission apparatus comprising:

an ATM/user network interface which makes a contact point with a first user network management system which handles first resource management information concerning a first cell assembly and disassembly unit which is accommodated outside of the transmission apparatus as an external unit;

a LAN interface which makes a contact point with a second user network management system which handles second resource management information concerning a second cell assembly and disassembly unit which is directly accommodated in the transmission apparatus;

an external interface which makes a contact point with a customer network management agent process; and

a switch;

wherein the transmission apparatus is configured to allow the customer network management agent process, the first user network management system and the second user network management system to communicate with each other using at least one logically defined resource management path permanently set in the switch,

wherein an in-band simple-network-management-protocol (SNMP) access is implemented by forming an information path of the customer network management agent process by an out-band access and an in-band access, and

wherein the transmission apparatus further comprises an interface via which both the first and second resource management information can be sent to a transaction language management subsystem which performs a facility node resource management in an STM transmission and a common management information service element subsystem, and can further be sent to the customer network management agent process and the first and second user network management systems.